### REMARKS

### Status of Claims

Claims 41-43 and 45-47 are in the present application. Claims 1-3, 7, 10-14, 16, 18, and 27-28 are withdrawn pursuant to a restriction requirement. Claims 4-6, 8-9, 15, 17, 19-26, 29-40 and 44 are currentled. Claim 41 is amended to more clearly recite the subject matter of the invention. No new matter is taised.

## Claim Rejections: 35 USC \$112

Claims 41-47 are rejected under 35 U.S.C. 112, second paragraph, as being intellinite for failing to particularly point out and distinctly claim the subject matter which application regards as the invention. In particular, in the I mail Office Action, the Examiner stated that the term "localized disturbances" used in claim 41 is not defined or mentioned in the specification. In the Advisory Action, the Examiner further stated that the term is vague and process dependent.

Claim 41 is amended to change the term "localized disturbances" to "access areas" and to rectic that the film is exposed through the access areas. Basis for this amendment is bound at page 7, lines 24-24. Applicant submits that the claims are sufficiently definite and supported to satisfy the requirements of 35 USC §112. Reconsideration and withdrawal of the rejection is respectfully solicited.

# Claim Rejections: 35 USC §102

Claims 1-42 & 45-47 are rejected under 35 U.S.C. 162(b) as being anticipated by Curro et al (WO 2006/37249) as evidenced by Benson, US 5.628.097 ("Benson") and Ahr, US 4.463.045 ("Ahr"). In the Final Office Action, the Fixaminer explained that Curro is relied upon as teaching a fibrous nonwoven web/ clastic film laminate with a surface energy gradient in which the surface energy of the fibrous layer is lower than that of the film layer, wherein the layers are bonded together and are both apertured such that the apertures in the nonwoven layer expose the apertured film. Benson, which is incorporated by Curro, is relied upon as teaching activation stretching as a method of creating apertures in a nonwoven web. Altr, also incorporated by Curro, is relied upon as teaching vacuum aperturing of the film. In the Advisory Action, the Examiner further explained that activation stretching is a process limitation and that, regardless of whether the nonwoven was activation stretched before lumination or after

famination, the final structure of the laminate would be the same as that recited in the claims, or so nearly the same as to render the claimed laminate obvious. The rejection is respectfully traversed.

Independent claim 41 is amended to recite that the fibrous web is an extensible, bonded carded web. The teaching that the fibrous web is extensible is found on page 1, lines 24-26 of the provisional application 60/527,898. The teaching that the fibrous web is a bonded carded web is found at page 8, lines 15-17 of the present application. Thus, these amendments present no new matter

Regarding the explanation that the laminate of Curra would be identical to the claimed lanuante, the Examiner is rustaken. A faminate that has been activation stretched after tamination is significantly different than a laminate formed by burding an activation-stretched notwoven to a film. When a laminate is activation stretched, the nonwoven web is constrained during the stretching process at all bond points, as well as where the nonwoven contacts the teeth of the IMG rollers. By contrast, when a nonwoven web alone is fMG nativated, it is not constrained anywhere except at the teeth of the IMG rollers. Thus, the types of forces acting on the web are different, depending upon whether the web is activated by itself or as part of a lanuance. The difference is forces translate into different effects on the web, which in turn will translate into different structural effects on the web. For example, when a nonwoven web is activated as part of a laminate, the additional constraints result in increased tuiting, resulting in a web that is writer, quieter and with overall improved actile properties. By contrast, activation of a nonwoven web alone results in a reduction in basis weight and some reduction in bending stiffness, but little other changes in the web.

In addition, by activation stretching the laminate, as opposed to the nonwoven alone, the film component of the laminate will also undergo activation stretching. This results in a corrugation of the film component and thus the entire laminate. The corrugation creates folds in the film and the laminate, which can then "unfold" as tension is applied to the laminate. Releasing the tension results in a retraction of the laminate back to its corrugated state, thus providing the laminate with "form elasticity", despite the lack of clustomeric resins. In addition, when activation stretched, the basis weight of the laminate is reduced and the surface area is increased.

The laminates of Curro are not corrugated, but instead are flat in appearance. In addition, the webs of Curro do not base form elasticity, and instead rely on the use of expensive clastomeric resins to obtain extension and retraction properties. In addition, the basis weight of the laminates in Curro is fixed at the time of making the laminate as in the surface area.

It is of course known in the art that elastic laminates can be corrugated by laminating the film to the nonzoven web while the film is under tension. When the tension is released, the clastic film retracts and the laminate has a corrugated appearance. However, this technique cannot be used with vacuum lamination because there is no way to vacuum laminate the webs while the film component is under tension. Thus, the combination of Curro, Benson and Abr to produce corrugated, vacuum laminated materials with access areas in the nonwoven and an energy gradient between the nonwoven and the film is samply not possible.

Moreover, Curro prefers a spunbouded or multiblown nonwoven web. Such webs are continuous fiber webs, as opposed to staple fiber webs like the bonded carded nonwoven recited in the claims. Applicant has found that the activation stretching process generally lacks sufficient energy to break fibers. The teachings of Benson hear this out as Benson requires that the nonwoven be weakened before being subjected to activation stretching. Applicant's own experience is that attempting to create apertures or access areas by activation stretching of a continuous fiber web, such as a spunbonded or meltiblown web preferred by Curro, results in a web that is nearly imasable. Specifically, activation of a continuous fiber web results in a very highly lofted, fuzzy, hairy web—something resembling cotton candy—that would not meet consumer acceptance in hygiene applications and presents difficulties in handling, processing and lamination.

In addition, the process of Benson results in a nonsyrven web that has apertures in predetermined areas. This is necessarily so because the web needs to be weakened first, and then activated to create apertures in the weakened areas. Because the weakened areas are known, the locations of the apertures are also known. By contrast, the access areas created by activation stretching the luminate of this invention are randomly generated and the location of the access areas is not known until they are actually formed. Similarly, the apertures created by Benson's process are more uniform in size, shape and appearance as compared to the access areas generated in the nonwoven layer of this invention.

Based on the above, activation stratching after lamination to create access points in the nonviewen produces a different material compared to making a laminute using an activated librous web as taught in Benson. The materials are different in appearance, are different in structure, are different in texture, and are different in their properties.

Similarly, the Examiner's position that the present claims recite product-by-process limitations is not enturely correct. Activation stretching of the laminate results in a defined, reproducible and readily identified set or features in the final laminate, including form clasticity, corrugation, and other physical, structural and functional properties noted above. Because not all activation stretching will necessarily result in creation of access areas to expose the film surface. that feature is specifically recited in the claims. Applicants submit that the inherent features of activation-stretched luminates, such as corrugation, however, need not be recited specifically and are appropriately captured and presented by the reference to activation stretching of the laminate.

As presented in the Amendment filed December 7, 2009, it would not have been obvious to modify Curro and bond the nonwoven web to the film before activation swetching. Benson teaches activation of the nonwoven to create apertures. Neither Curro nor Benson even hints at aperfuring the nonwoven after making the laminate. In addition, the Benson process requires first forming weakened areas in the nonvoyen by applying heat to melt or soften the nonvoyen web. Because nonwoven webs are typically made of potypropylene, which has a higher melting point than the polyethylene used to make the film layer, one skilled in the art would not be motivated to use Benson's process on a composite for fear of destroying the film. Moreover, activation stratching of the composite, as apposed to the nonwoven alone, requires additional energy if for no other reason that the thickness of the material being activated is increased. That additional energy ruises concerns regarding delumination of the film from the nonwoven. destruction of the film layer, destruction of the nonwoven layer, tearing, and/or other damage to the composite. Accordingly, there is no reasonable expectation by those skilled in the art that the Benson process would have the desired result if applied to a composite as opposed to the nonwayen web alone.

For these reasons. Applicant submits that the claimed invention is not unucipated by nor render obvious by Curro.

Regarding the rejections of cloims 42 and 45-47, those claims all depend from and further limit claim 41. Accordingly, such dependent claims are also believed to be allowable. In addition, Abridoes not mention the terms "activation", "stretch", "IMO" or "intermeshing" and thus does not cure the fundamental deficiencies noted shave regarding Curro and Benson. Thus, the addition of the teachings of Abridoes not after the analysis or conclusions presented above.

## Claim Relections: 35 USC \$103

Claims 43-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Curro et al. (WO 2000-372.49) in view of Thomas (U.S. Pat. 6,242.074). In the final Office Action, the Examiner explained that Curro teaches a fibrous nonvoven web! film laminate with a surface energy gradient in which the surface energy of the fibrous layer is lower than that of the film layer, wherein the layers are bonded together and are both apertured such that the apertures in the nonvoven layer expose the apertured film. The Examiner further explained that Thomas was relied upon for bonding a nonwoven web with slits to a film in a vacuum lamination process. In the Advisory Action, the Examiner explained that vacuum lamination is a well-known technique and it would be obvious to laminate a nonvoven web to a breathable film, whether or not the nonwoven itself was breathable. The rejection is traversed.

As to claim 44, the claim is cancelled so the rejection is moot. As to claim 43, the claim depends from and further limits claim 41, which is patentable over the art for the reasons noted above. Thomas does not teach activation stretching of a composite material and does not contain the words "stretch", "activation", "IMG" or "intermeshing" and thus does not cure the deticioncies of Curro noted above. Accordingly, Thomas fails to contain any disclosures that would enable a skilled artisan to provide the missing elements from Curro's teachings to arrive at the claimed invention. Thus, claim 43 is not render obvious by the combination of Curro with Thomas. Reconsideration and withdrawal of the rejection is respectfully solicited.

#### Conclusion

For the reasons stated above, claims 41–43 and 45-47 define patentable subject matter and the references of record do not teach, disclose or suggest the composite recited therein. Reconsideration and withdrawal of all claim objections and claim rejections is solicited, as is a notice of allowance with respect to the claims trader prosecution. Serial No. 10/582/313 Amendment accompanying Request for Continued Examination

Upon the indication of allowable subject matter. Applicant will seek to rejoin the withdrawn claims and amend those claims to conform in scope to the allowed claims.

If the Office is not inclined to allow the claims in their current form, Applicants respectfully request an opportunity to have a personal interview with the Examiner to discuss the speedy resolution of any remaining issues.

Respectfully Solicited.

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